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Date of Deposit 6/24/03

Our File No. 9281/4588
Client Reference No. N US02006

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Naoya Hasegawa and Eiji Umetsu

for GMR Magnetic Sensing Element Provided with Second Free Layer Extended to Outside of Track Width and Method for Manufacturing the Same.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 109 pages of application (including title page and abstract), 14 sheet(s) of [formal] drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: ALPS ELECTRIC CO., LTD.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2002-184-052
- ☒ Information Disclosure Statement, PTO-1449, and reference A1-A2

Claims as Filed			Small Entity		or	Other Than Small Entity	
For	Col. 1	Col. 2	Rate	Fee		Rate	Fee
Basic Fee	No. Filed	No. Extra		\$ 370	or		\$ 750
Total Claims	48-20	28	x\$9=	\$	or	28x\$18=	\$504
Indep. Claims	2-3		x\$42=	\$	or	x\$84=	\$
Multiple Dependent Claims Present			+\$140=	\$	or	+\$280=	\$
*If the difference in col. 1 is less than zero, enter "0" in col. 2.			Total	\$	or	Total	\$1254.00

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1254.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR § 1.16.
 - ☒ Any patent application processing fees under 37 CFR § 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - ☐ Any patent application processing fees under 37 CFR § 1.17.
 - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

6/24/03

Gustavo Siller, Jr.
BRINKS HOPFER GILSON & LIONE
Registration No. 32,305



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PATENT TRADEMARK OFFICE

EXPRESS MAIL NO. EV 314841905 US

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Client Reference No. N US02006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Naoya Hasegawa et al.)
Serial No. To Be Assigned)
Filing Date: Herewith)
For: GMR Magnetic Sensing Element)
Provided with Second Free Layer)
Extended to Outside of Track Width)
and Method for Manufacturing the)
Same)

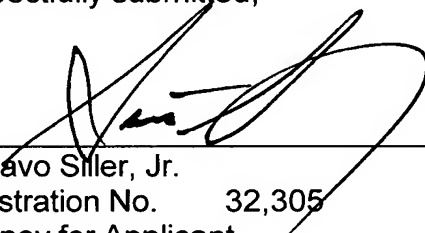
SUBMISSION OF CERTIFIED COPY OF PRIORITY DOCUMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a certified copy of priority document Japanese Patent
Application No.2002-184052, filed June 25, 2002

Respectfully submitted,



Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicant

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